
Subject: how to compile source files and create shared lib.

Posted by [mtdew3q](#) on Mon, 04 May 2015 02:26:07 GMT

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HI-

I am trying to find an example to compile like this (any links I can read please?) I can check syntax in IDE but then have to go outside IDE

to make shared file. I put my .cpp, .h, in upp package directory by including them. There are 20 or so .cpp files. I am compiling and building IBPP for firebird. It links inside upp with message 'ok'. Any cool tips are appreciated!

CC = g++

CFLAGS = -fPIC -pedantic -Wall -shared

DEBUGFLAGS = -O0 -DIBPP_LINUX -DIBPP_GCC -std=c++11

INCLUDES = -I../ibpp_headers

LFLAGS = -L../fb_libs -L/usr/lib/x86_64-linux-gnu

LIBS = -lfbclient -lm -lpthread -lcrypt

SRCS = array.cpp blob.cpp database.cpp date.cpp dbkey.cpp \
_dpb.cpp events.cpp exception.cpp _ibpp.cpp _ibs.cpp \
_rb.cpp row.cpp service.cpp _spb.cpp statement.cpp \
time.cpp _tpb.cpp transaction.cpp user.cpp \

OBJS = \$(SRCS:.c=.o)

TARGET = sqlFB.so

all: \$(TARGET)

\$(TARGET): \$(OBJS)

\$(CC) \$(CFLAGS) \$(DEBUGFLAGS) \$(INCLUDES) -o \$(TARGET) \$(OBJS) \$(LFLAGS) \$(LIBS)

.c.o:

\$(CC) \$(CFLAGS) \$(INCLUDES) -c \$< -o \$@

clean:

\$(RM) *.o *~ \$(TARGET)

depend: \$(SRCS)

makedepend \$(INCLUDES) \$^

DO NOT DELETE THIS LINE -- make depend needs it
